(19) World Intellectual Property Organization International Bureau

AIPO OMPI

(43) International Publication Date 3 June 2004 (03,06,2004)

PCT

(10) International Publication Number WO 2004/045523 A2

- (51) International Patent Classification7:
- A61K
- (21) International Application Number:

PCT/US2003/036526

(22) International Filing Date:

14 November 2003 (14.11.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/426,386

15 November 2002 (15.11.2002) US

- (71) Applicant (for all designated States except US): SUGEN, INC. [US/US]; 230 East Grand Avenue, South San Francisco, CA 94080-4811 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): ABRAMS, Tinya [US/US]; 105 Esplanade Street, Apt.44, Pacifica, CA 94044 (US). MURRAY, Lesley [US/US]; 7181 Blue Hill Drive, San Jose, CA 95129 (US). PRYER, Nancy [US/US]; 433 Coventry Road, Kensington, CA 94707 (US). CHERRINGTON, Julie, M. [US/US]; 4495A 25th Street, San Francisco, CA 94114 (US).

- (74) Agents: BURROUS, Beth, A. et al., Foley & Lardner, Washington Harbour, 3000 K Street, Suite 500, Washington, D.C. 20007 (US).
- (81) Designated States (nanonal): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, BC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, ER, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RIT, SC, SB, SE, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW). Eurosian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM). European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IIII, RE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CJ, CM, GA, GN, GQ, GW, MJ, MR, NE, SN, TD, TG).

Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Guzette.

(54) Title: COMBINATION ADMINISTRATION OF AN INDOLINONE WITH A CHEMOTHERAPEUTIC AGENT FOR CELL PROLIFERATION DISORDERS

$$\begin{array}{c} X \\ X \\ C \\ NR_5 \\ (R_2)_q \end{array}$$

$$(I)$$

(57) Abstract: The invention relates to a method of treating cancer by administering a combination of an indolinone compound with another chemotherapeutic agent. The combination of an indolinone compound of Formula (1) with another chemotherapeutic agent provides an enhanced effect in treating cancer patients.

(SI) Int.Cl.			F i
A61K	31/404	(2006.01)	AGIK
A61K	31/282	(2006.01)	A61K
A61K	31/337	(2006.01)	A61K
A61K	31/4745	(2006.01)	A61K
A61K	31/513	(2006, 01)	A61K
			審査請求

(21) 出願番号 特額2004-553729 (P2004-553729) (86) (22) 出願日 平成15年11月14日 (2003.11.14) 平成17年7月13日 (2005.7.13) (86) 国際出願番号 PCT/US2003/036526 (87) 国際公開番号 W02004/045523 (87) 国際公開日 平成16年6月3日 (2004.6.3)

(31) 優先權主張番号 60/426,386

(32) 優先日 平成14年11月15日 (2002.11.15)

(33)優先権主張国 米国(US)

\- <u></u>			